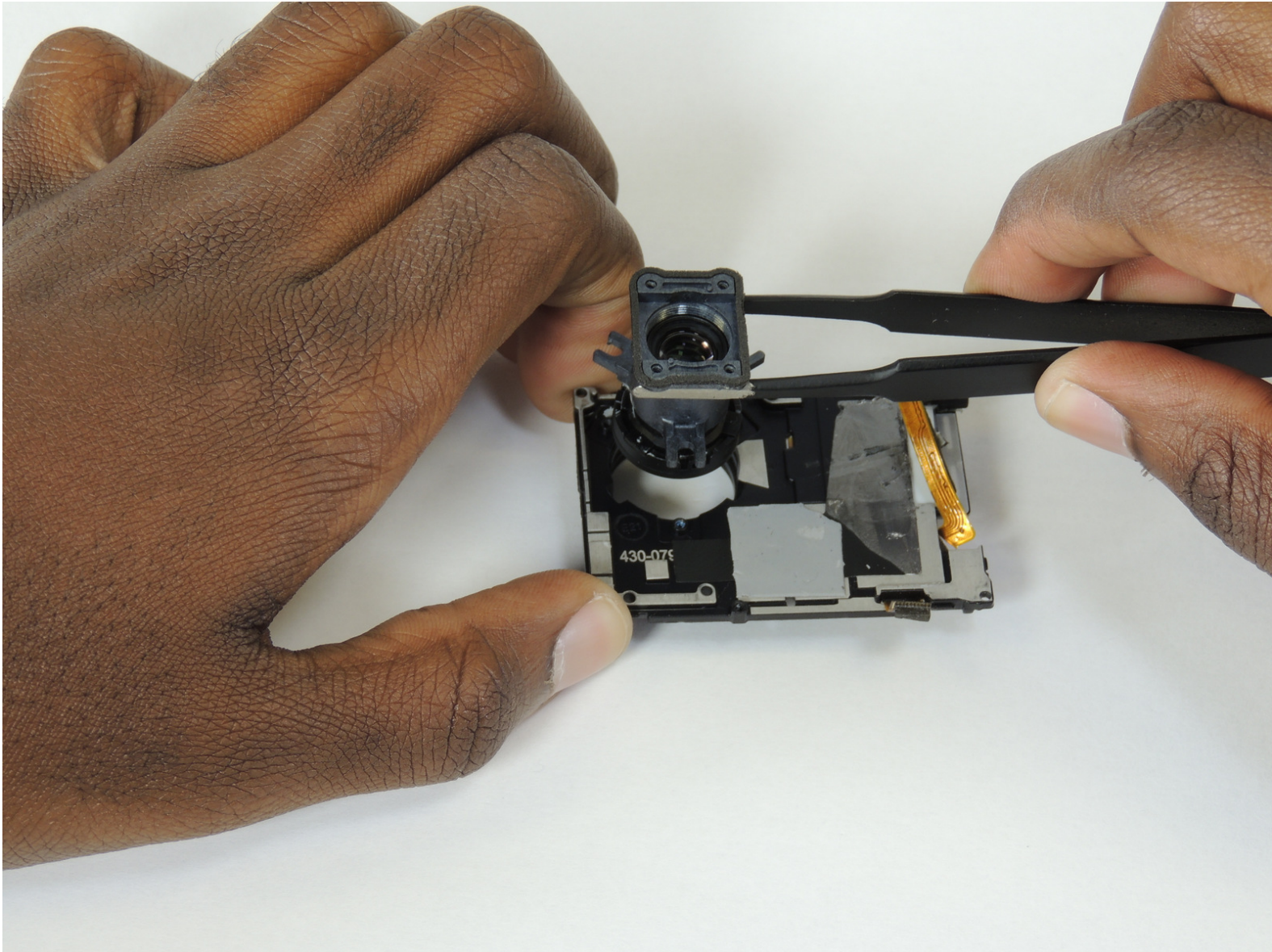




# GoPro Hero4 Black Lens Replacement

Written By: Thomas Sullivan



## INTRODUCTION

If the pictures or video are fuzzy or unable to focus, the lens may need replacement. Follow this guide to do so.



### TOOLS:

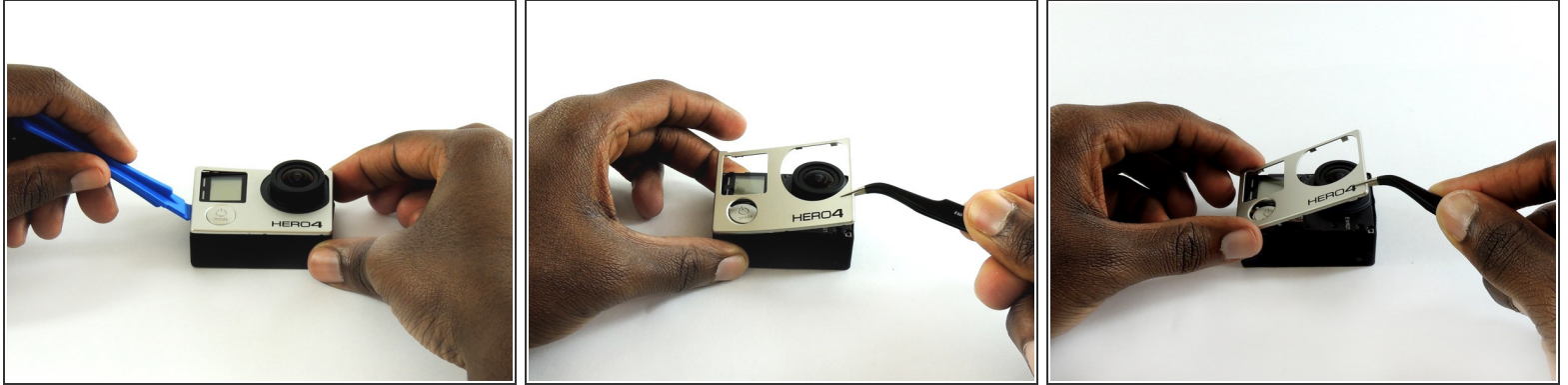
- [iFixit Opening Tools](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [Metal Spudger](#) (1)
- [Tweezers](#) (1)



### PARTS:

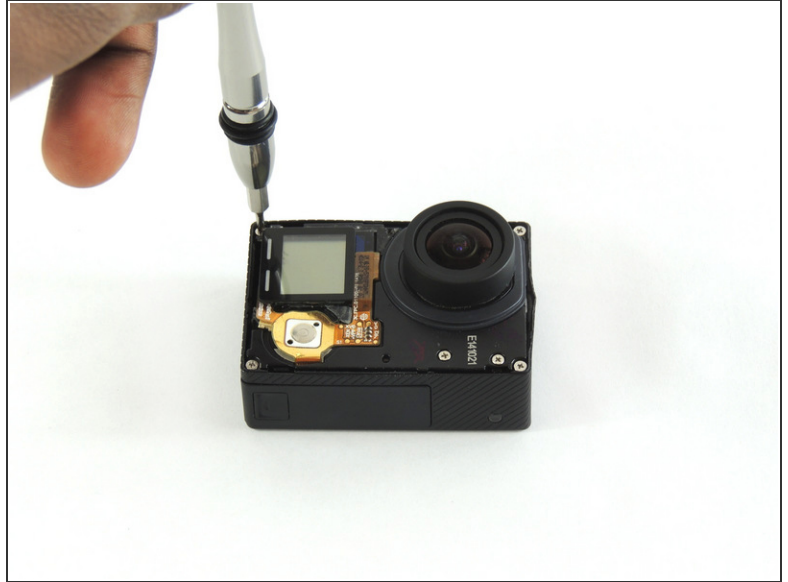
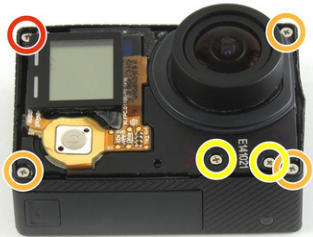
- [GoPro Hero4 Lens](#) (1)
-

## Step 1 — Midframe Housing



- Remove the faceplate by carefully prying around the edge using a plastic opening tool. Loosen the clips on the edge, then pull the faceplate off.
  - Use the tweezers to lift the faceplate from the rest of the device.
- ✦ The power button on the front of the GoPro may pop off. Ensure to align it properly during reassembly.

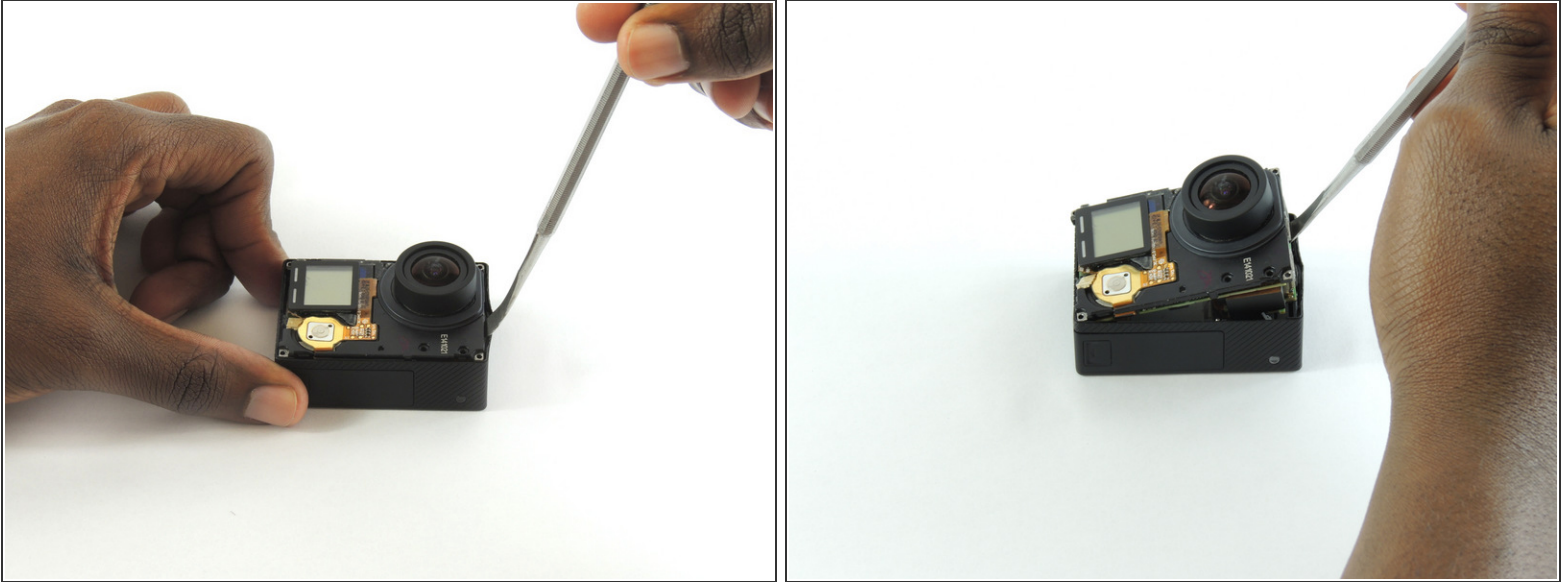
## Step 2



- Using a #00 Phillips head screwdriver, remove the following screws:
  - One 4.6 mm screw
  - Three 8.2 mm screws
  - Two 6.1 mm screws

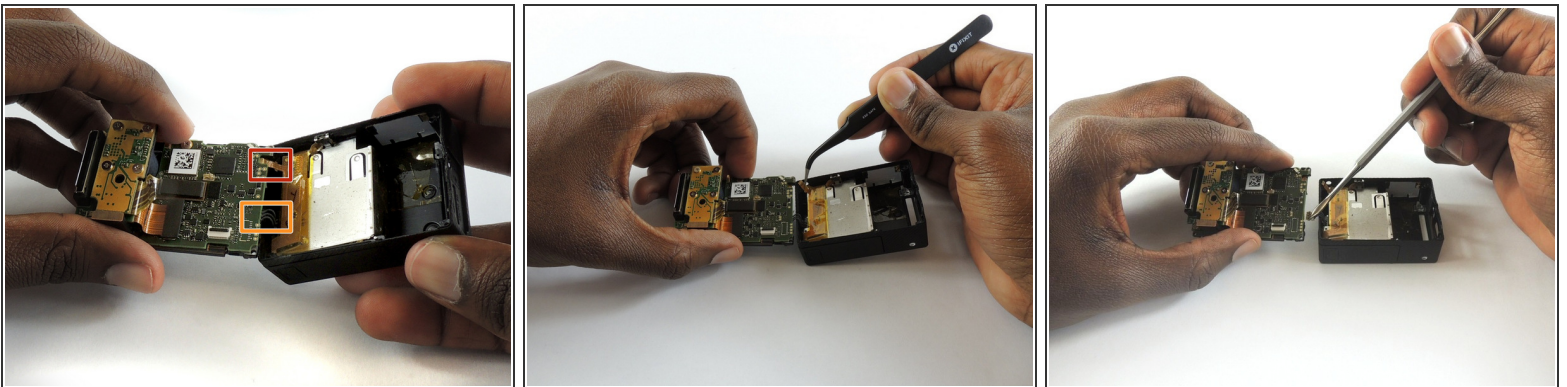


### Step 3



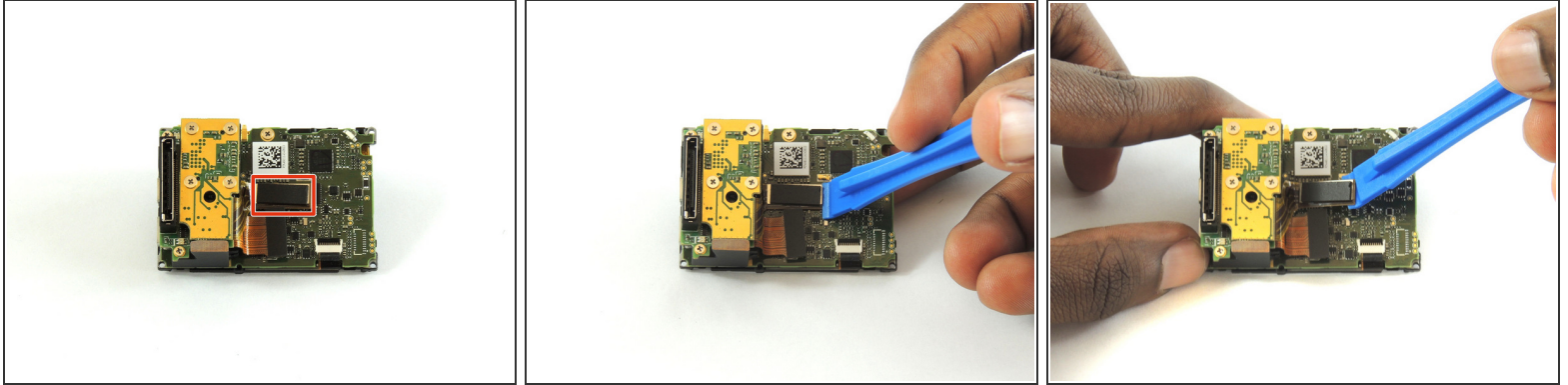
- Insert a metal spudger between the back plastic housing and the camera board assembly. Working around the edge to be careful of the inner components, carefully remove the camera.

### Step 4



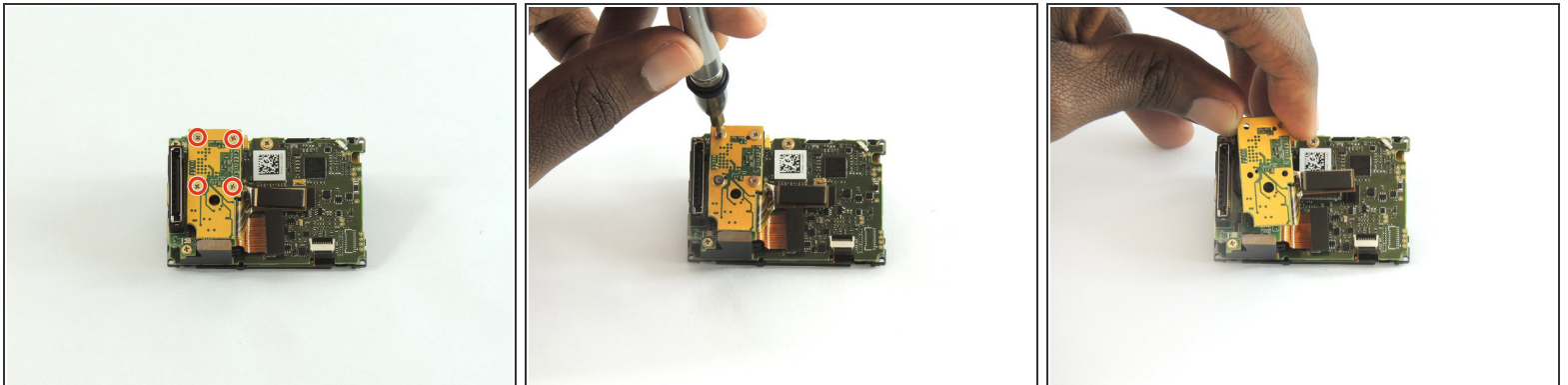
- Using tweezers, remove the ribbon strip by pulling on it. This will remove the connection.
  - Push down on the three wires with the metal spudger and the clip will disconnect from the motherboard.
- ✦ During reassembly, remove the black tape on the ribbon cable, turn the camera upside down so you can see the port, and reinsert the cable with tweezers. It's a lot easier!

## Step 5 — Camera Sensor



- Using a plastic opening tool, separate the camera sensor's connector from the motherboard.

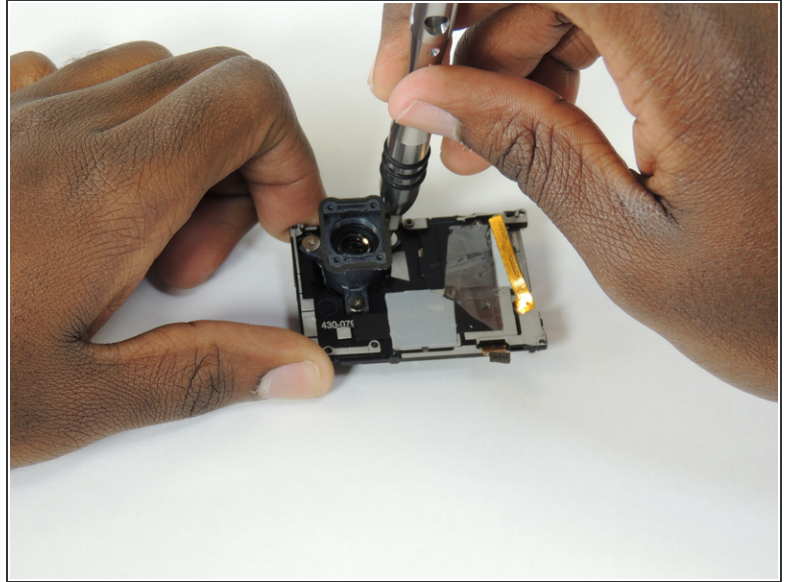
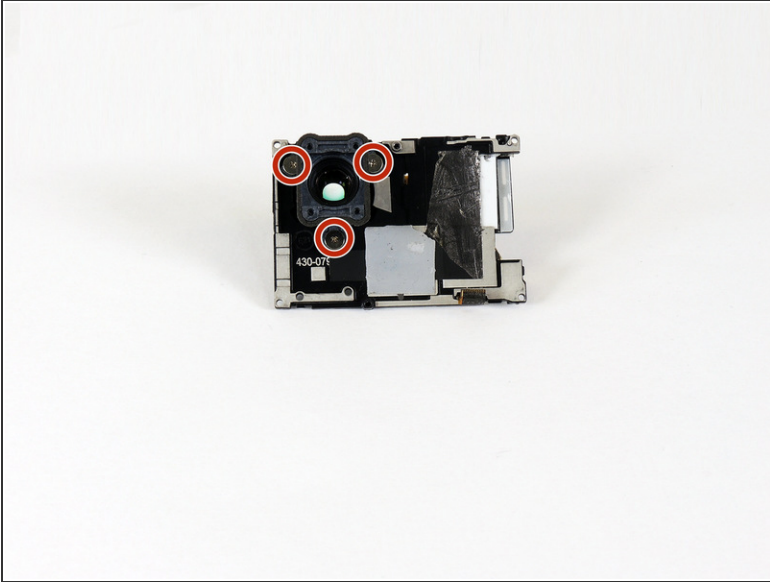
## Step 6



- Using a #00 Phillips head screwdriver, remove the four 3.0mm screws holding the camera sensor.

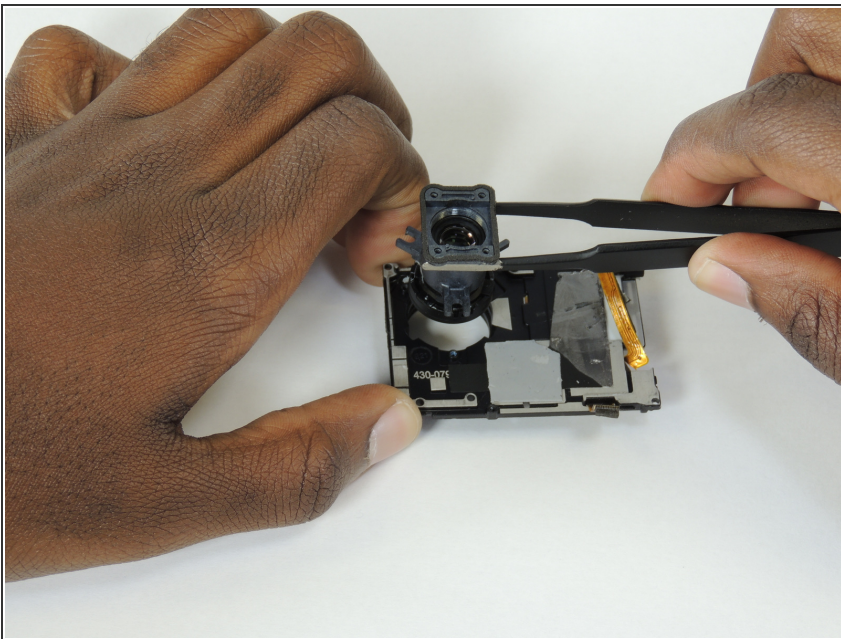


## Step 7 — Lens



- Using a #00 Phillips head screwdriver, remove the following screws:
  - Three 2 mm screw

## Step 8



- Lift the lens from the front housing.

To reassemble your device, follow these instructions in reverse order.

